

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	3324	(one NEAR2 dimensio\$4 OR oneS1dimensio\$4) AND correction NEAR2 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/28 07:49
L5	1390	(one NEAR2 dimensio\$4 OR oneS1dimensio\$4) AND correction NEAR2 data and (image near2 sens\$4 OR camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/28 07:50
L6	13	(one NEAR2 dimensio\$4 OR oneS1dimensio\$4) NEAR2 correction NEAR2 data and (image near2 sens\$4 OR camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/28 08:30
L7	14	("20020015111" "20020085105" "20020089707" "20040032490" "5805300" "6525769" "6982756"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/28 08:30
L8	268	(348/246).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/28 10:10
L9	120	(348/247).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/28 10:10
L10	330	(348/243).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/28 10:10

## EAST Search History

L11	859	(348/241).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/28 10:10
L12	1179	(348/241,246,247).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/28 10:10
L13	1419	L8 OR L9 OR L10 OR L11 OR L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:10
L14	340	L13 AND (defect\$3 OR dead OR bad OR fault\$3) WITH pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:10
L15	355	((AKIRA) near2 (EGAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:20
L16	44	((HIROSHI) near2 (MIYANARI)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:20
L17	398	L15 OR L16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:20

## EAST Search History

S1	2	"20040165101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 07:21
S2	315	((AKIRA) near2 (EGAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:23
S3	40	((HIROSHI) near2 (MIYANARI)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:23
S4	354	S2 OR S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 09:41
S5	61	S4 AND camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 09:42
S6	3	S4 AND camera AND correction NEAR2 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:42
S7	11	(unexposed ADJ state OR dark ADJ image) SAME exposed ADJ state SAME correct\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 13:59

## EAST Search History

S8	7	"6580451"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:14
S9	2	"20030179302"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 13:11
S10	3	"20020015111"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 13:11
S11	18	("20040032490"   "3904818"   "4600946"   "4703442"   "4920428"   "5008757"   "5047861"   "5416516"   "5477265"   "5541706"   "5610654"   "5625413"   "5929901"   "6307393"   "6654054"   "6683643"   "6940549"   "6995794").PN. OR ("7133072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 13:36
S12	2	S11 And (unexposed ADJ state OR dark ADJ image)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 13:36
S13	10	(unexposed ADJ state OR dark ADJ image) SAME pixel NEAR2 correction AND (CCD OR imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:13
S14	1355	(unexposed ADJ state OR dark ADJ image) AND (CCD OR imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:12

## EAST Search History

S15	128	(unexposed ADJ state OR dark ADJ image) SAME correction AND (CCD OR imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:31
S16	55	(unexposed ADJ state OR dark ADJ image) SAME correction AND (CCD OR imager) AND "348".CIAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:04
S17	84	(unexposed ADJ state OR dark ADJ image OR offset ADJ image) SAME correction AND (CCD OR imager) AND "348".CIAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 07:20
S18	233	(348/246).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 07:20
S19	564	defective NEAR2 pixel NEAR2 correction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 07:24
S20	9	defective NEAR2 pixel NEAR2 correction SAME exposed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 07:34
S21	14	dark ADJ image SAME pixel NEAR2 correction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 07:53

## EAST Search History

S22	109	(348/247).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 07:42
S23	6	S22 AND dark ADJ image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 07:42
S24	308	(348/243).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 07:42
S25	35	dark ADJ image SAME correction NEAR2 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 07:54
S26	782	(348/241).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 08:15
S27	31	S26 AND dark ADJ image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:16

## EAST Search History

S28	33	("5047863"   "5132801"   "5272536"   "5365269"   "5479206"   "5541654"   "5568192"   "5602984"   "5608455"   "5612739"   "5642162"   "5696554"   "5729288"   "5734425"   "5796430"   "5805300"   "5812703"   "5926214").PN. OR ("6061092").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 08:21
S29	1677	CMOS SAME vertical SAME horizontal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:39
S30	62	CMOS NEAR2 array SAME vertical SAME horizontal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:40
S31	16823	CMOS SAME amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:40
S32	400	CMOS SAME amplifier NEAR2 pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:47
S33	269	every WITH pixel WITH amplifi\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:50

## EAST Search History

S34	27	every WITH pixel WITH amplifi\$4 WITH CMOS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:46
S35	14402	(defect\$3 OR dead OR bad OR fault\$3) WITH pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 09:46
S36	1065	(348/241,246,247).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 09:34
S37	276	S35 AND S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:38
S38	16457	averag\$3 WITH vertical\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:03
S39	13	S35 AND S36 AND S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:03
S40	3734606	edge OR boundry	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:41



## EAST Search History

S41	5	S35 AND S36 AND S38 AND S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:42
S42	4299	averag\$3 NEAR3 vertical\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:03
S43	3	S35 AND S36 AND S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:03
S44	14	("5327246"   "5392070"   "5696554"   "5805216"   "5982946"   "6076465"   "6360005").PN. OR ("6642960"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 10:13
S45	29	("4517600"   "4541116"   "4701784"   "4783840"   "4817174"   "4858013"   "5144446").PN. OR ("5805216"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 10:15
S46	14	(every OR each) WITH pixel WITH amplifi\$4 WITH CCD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:46
S49	336	((AKIRA) near2 (EGAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 09:41

## EAST Search History

S50	43	((HIROSHI) near2 (MIYANARI)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 09:41
S51	378	S49 OR S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:20
S52	63	S51 AND camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 09:44
S53	248	(348/246).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 09:45
S54	115	(348/247).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 09:45
S55	317	(348/243).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 09:45
S56	826	(348/241).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 09:45

## EAST Search History

S57	1127	(348/241,246,247).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 09:45
S58	1361	S53 OR S54 OR S55 OR S56 OR S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 09:45
S59	314	S58 AND (defect\$3 OR dead OR bad OR fault\$3) WITH pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:10
S60	1	"5327246".PN.	USPAT; USOCR	WITH	ON	2007/09/05 09:53
S61	198	upgrad\$4 WITH medium AND "348".CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/09/05 14:09
S62	2	eam\$4 WITH upgrad\$4 WITH medium AND "348".CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/09/05 14:10
S63	132	(one NEAR2 dimensio\$4 OR oneS1dimensio\$4) WITH correction NEAR2 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/27 14:35
S64	20	(one NEAR2 dimensio\$4 OR oneS1dimensio\$4) WITH correction NEAR2 data SAME horizontal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/27 14:45

## EAST Search History

S65	20	(one NEAR2 dimension\$4 OR oneS1dimension\$4) WITH correction NEAR2 data SAME horizon\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/27 14:36
S66	7	"6580451"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/27 14:55
S67	2	(one NEAR2 dimension\$4 OR oneS1dimension\$4) AND "6580451"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/28 07:49
S68	3	correction AND "6580451"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/27 14:46
S69	31	("20020015111" "20020196155" "20030179302" "3243801" "3314066" "4727593" "4785353" "5198799" "5604781" "5631875" "5805300" "5977913" "6525769" "6933858").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/12/27 14:55